

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--------------------|------------------|---------|------------------|
| L1 | 5 | "6818576" | US-PGPUB; USPAT | OR | OFF | 2007/12/07 14:11 |
| L2 | 1 | "20050117438" | US-PGPUB; USPAT | OR | OFF | 2007/12/07 14:44 |
| L3 | 875 | (65/29.21 or 65/30.14 or 65/64 or 65/66).ccls. | US-PGPUB; USPAT | OR | OFF | 2007/12/07 14:45 |
| L4 | 2759 | (501/5 or 501/14 or 501/15 or 501/55 or 501/59 or 501/70 or 501/108).ccls. | US-PGPUB; USPAT | OR | OFF | 2007/12/07 14:47 |
| L5 | 1895 | (428/846.3 or 428/846.9 or 428/848 or 428/409 or 428/410).ccls. | US-PGPUB; USPAT | OR | OFF | 2007/12/07 14:47 |
| L6 | 1 | (I3 or I4 or I5) and "alkali ion elution" | US-PGPUB; USPAT | OR | ON | 2007/12/07 14:48 |
| S1 | 45 | nakajima and nakao and glass | US-PGPUB; USPAT | OR | OFF | 2007/09/06 20:57 |
| S2 | 2 | S1 and weather\$ | US-PGPUB; USPAT | OR | OFF | 2007/12/04 18:15 |
| S3 | 0 | "11-192127" and glass | US-PGPUB; USPAT | OR | OFF | 2007/09/06 20:57 |
| S4 | 26 | "192127" and glass | US-PGPUB; USPAT | OR | OFF | 2007/12/04 16:22 |
| S5 | 11 | "5846280" | US-PGPUB; USPAT | OR | OFF | 2007/09/06 20:58 |
| S6 | 1 | "20040050480" | US-PGPUB; USPAT | OR | OFF | 2007/09/06 22:12 |
| S7 | 1 | "20050207047" | US-PGPUB; USPAT | OR | OFF | 2007/09/06 22:13 |
| S8 | 1 | "20050200990" | US-PGPUB; USPAT | OR | OFF | 2007/12/07 14:22 |
| S9 | 9 | "6627254" | US-PGPUB; USPAT | OR | OFF | 2007/09/06 22:20 |
| S10 | 2 | (hashimoto and zou).in. | US-PGPUB; USPAT | OR | OFF | 2007/09/07 13:04 |
| S11 | 868 | (65/29.21 or 65/30.14 or 65/64 or 65/66).ccls. | US-PGPUB; USPAT | OR | OFF | 2007/09/07 13:05 |
| S12 | 71 | S11 and recording | US-PGPUB; USPAT | OR | OFF | 2007/09/07 13:05 |

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|-----|-------|--|--------------------|----|-----|------------------|
| S13 | 49 | ("5733370" "5830584" "5866227" "5879783" "6139981" "4259433" "4331966" "4774140" "4831608" "5534321" "5561089" "5582897" "5591502" "5626935" "5632942" "5635974" "5662979" "5691256" "5726108" "5835316" "5866489" "5868953" "5872069" "5972816" "5985777" "6030681" "6120922" "6120890" "6191058" "6221508" "6221508" "6245411" "4296309" "4373004" "4412264" "4482418" "4493779" "4543198" "4545881" "4596740" "4786559" "4788611" "4816128" "4816840" "4837097" "4837130" "4870429" "4897749" "4919988" "4925776").pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/04 14:48 |
| S14 | 1 | ("5846280").pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/03 21:27 |
| S15 | 13 | ("5846280") | US-PGPUB; USPAT | OR | OFF | 2007/12/03 21:37 |
| S16 | 3 | "alkali ion elution" | US-PGPUB; USPAT | OR | OFF | 2007/12/07 14:48 |
| S17 | 604 | "alkali" with "elution" | US-PGPUB; USPAT | OR | OFF | 2007/12/03 21:38 |
| S18 | 394 | S17 and glass | US-PGPUB; USPAT | OR | OFF | 2007/12/03 21:39 |
| S19 | 75517 | immersed same water | US-PGPUB; USPAT | OR | OFF | 2007/12/03 21:39 |
| S20 | 62 | S18 and S19 | US-PGPUB; USPAT | OR | OFF | 2007/12/03 21:39 |
| S21 | 21 | S20 and recording | US-PGPUB; USPAT | OR | OFF | 2007/12/03 21:40 |
| S22 | 508 | "SiO.sub.2" and "Al.sub.2O.sub.3" and CaO and BaO and "K.sub.2O" and MgO and SrO and "TiO.sub.2" and "ZrO.sub.2" and "Li.sub.2O" and "Na.sub.2O" and ZnO | US-PGPUB; USPAT | OR | OFF | 2007/12/04 21:07 |
| S23 | 125 | S22 and ("SiO.sub.2" with "Al.sub. 2O.sub.3" with CaO with BaO with "K.sub.2O" with MgO with SrO with "TiO.sub.2" with "ZrO.sub.2" with "Li.sub.2O" with "Na.sub.2O" with ZnO) | US-PGPUB; USPAT | OR | OFF | 2007/12/04 13:44 |

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| S24 | 125 | S23 and ("SiO.sub.2" same "Al.sub.2O.sub.3" same CaO same BaO same "K.sub.2O" same MgO same SrO same "TiO.sub.2" same "ZrO.sub.2" same "Li.sub.2O" same "Na.sub.2O" same ZnO) | US-PGPUB; USPAT | OR | OFF | 2007/12/04 21:05 |
| S25 | 73 | S24 and substrate | US-PGPUB; USPAT | OR | OFF | 2007/12/04 13:46 |
| S26 | 0 | S24 and " low-alkali" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 13:47 |
| S27 | 0 | S24 and "low-alkali" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 13:47 |
| S28 | 5 | S22 and "low-alkali" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 13:50 |
| S29 | 6 | "6627566" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 13:53 |
| S30 | 5 | ("6162751", "6376402", "6184162" "5674790", "6615320").pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/04 13:57 |
| S31 | 5 | ("6162751", "6376402", "6184162" "5674790", "3615320").pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/04 13:57 |
| S32 | 554 | ("5733370" "5830584" "5866227" "5879783" "6139981" "4259433" "4331966" "4774140" "4831608" "5534321" "5561089" "5582897" "5591502" "5626935" "5632942" "5635974" "5662979" "5691256" "5726108" "5835316" "5866489" "5868953" "5872069" "5972816" "5985777" "6030681" "6120922" "6120890" "6191058" "6221508" "6221508" "6245411" "4296309" "4373004" "4412264" "4482418" "4493779" "4543198" "4545881" "4596740" "4786559" "4788611" "4816128" "4816840" "4837097" "4837130" "4870429" "4897749" "4919988" "4925776") | US-PGPUB; USPAT | OR | OFF | 2007/12/04 21:07 |
| S33 | 6 | S32 and S22 | US-PGPUB; USPAT | OR | OFF | 2007/12/04 14:49 |
| S34 | 153 | nakajima and tetsuya | US-PGPUB; USPAT | OR | OFF | 2007/12/04 14:58 |
| S35 | 0 | S34 and nakao and yasumasa | US-PGPUB; USPAT | OR | OFF | 2007/12/04 14:59 |
| S36 | 1 | S34 and nakao | US-PGPUB; USPAT | OR | OFF | 2007/12/04 15:00 |
| S37 | 1 | "20040214047" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 15:02 |

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|-----|-----|---|--------------------|----|-----|------------------|
| S38 | 1 | "20030232169" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 15:03 |
| S39 | 23 | "164557" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 15:25 |
| S40 | 1 | "SiO.sub.2" and "Al.sub.2O.sub.3" and CaO and BaO and "K.sub.2O" and MgO and SrO and "TiO.sub.2" and "ZrO.sub.2" and "Li.sub.2O" and "Na.sub.2O" and ZnO and "no strengthening" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 15:27 |
| S41 | 0 | "SiO.sub.2" and "Al.sub.2O.sub.3" and CaO and BaO and "K.sub.2O" and MgO and SrO and "TiO.sub.2" and "ZrO.sub.2" and "Li.sub.2O" and "Na.sub.2O" and ZnO and "not strengthened" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 15:39 |
| S42 | 1 | "20050214561" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 15:50 |
| S43 | 1 | "6908870" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 15:56 |
| S44 | 0 | 11-192127 | US-PGPUB; USPAT | OR | OFF | 2007/12/04 15:56 |
| S45 | 56 | "192127" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 15:56 |
| S46 | 0 | S45 and yamamto | US-PGPUB; USPAT | OR | OFF | 2007/12/04 15:57 |
| S47 | 4 | S45 and yamamoto | US-PGPUB; USPAT | OR | OFF | 2007/12/04 15:57 |
| S48 | 7 | "no chemically strengthened layer" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 16:13 |
| S49 | 424 | nakajima and asahi | US-PGPUB; USPAT | OR | OFF | 2007/12/04 16:14 |
| S50 | 0 | S49 and "glass substrate".ti. | US-PGPUB; USPAT | OR | OFF | 2007/12/04 16:14 |
| S51 | 4 | S49 and tetsuya | US-PGPUB; USPAT | OR | OFF | 2007/12/04 16:15 |
| S52 | 2 | 2000-164557 | US-PGPUB; USPAT | OR | OFF | 2007/12/04 16:15 |
| S53 | 1 | "20050117438" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 16:32 |
| S54 | 2 | "20020022564" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 16:28 |
| S55 | 8 | "627566" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 16:29 |
| S56 | 1 | "6627566".pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/04 16:29 |

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| S57 | 2 | "20020022564" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 16:32 |
| S58 | 11 | "6577472" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 20:33 |
| S59 | 0 | "2010038930" | US-PGPUB; USPAT | OR | OFF | 2007/12/04 18:16 |
| S60 | 1 | "20010038930".pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/04 18:16 |
| S61 | 1 | "20020010066" and strength\$ | US-PGPUB; USPAT | OR | OFF | 2007/12/04 20:34 |
| S62 | 0 | ("5972460", "6440531", "6063470", "5997977", "6399527").pn. and ("SiO.sub.2" same "Al.sub.2O.sub. 3" same CaO same BaO same "K. sub.2O" same MgO same SrO same "TiO.sub.2" same "ZrO.sub.2" same "Li.sub.2O" same "Na.sub.2O" same ZnO) | US-PGPUB; USPAT | OR | OFF | 2007/12/04 21:16 |
| S63 | 3 | ("5733370" "5830584" "5866227" "5879783" "6139981" "4259433" "4331966" "4774140" "4831608" "5534321" "5561089" "5582897" "5591502" "5626935" "5632942" "5635974" "5662979" "5691256" "5726108" "5835316" "5866489" "5868953" "5872069" "5972816" "5985777" "6030681" "6120922" "6120890" "6191058" "6221508" "6221508" "6245411" "4296309" "4373004" "4412264" "4482418" "4493779" "4543198" "4545881" "4596740" "4786559" "4788611" "4816128" "4816840" "4837097" "4837130" "4870429" "4897749" "4919988" "4925776") and ("5972460", "6440531", "6063470", "5997977", "6399527").pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/04 21:07 |
| S64 | 0 | ("SiO.sub.2" and "Al.sub.2O.sub.3" and CaO and BaO and "K.sub.2O" and MgO and SrO and "TiO.sub.2" and "ZrO.sub.2" and "Li.sub.2O" and "Na.sub.2O" and ZnO) and ("5972460", "6440531", "6063470", "5997977", "6399527").pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/04 21:08 |
| S65 | 0 | ("SiO.sub.2" and "Al.sub.2O.sub.3" and CaO and BaO and "K.sub.2O" and MgO and SrO and "TiO.sub.2" and "ZrO.sub.2" and "Li.sub.2O" and "Na.sub.2O") and ("5972460", "6440531", "6063470", "5997977", "6399527").pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/04 21:08 |

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| S66 | 0 | ("SiO.sub.2" and "Al.sub.2O.sub.3" and CaO and BaO and "K.sub.2O" and MgO and SrO and "TiO.sub.2" and "ZrO.sub.2" and "Na.sub.2O") and ("5972460", "6440531", "6063470", "5997977", "6399527").pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/04 21:08 |
| S67 | 0 | ("SiO.sub.2" and "Al.sub.2O.sub.3" and CaO and BaO and "K.sub.2O" and MgO and SrO and "ZrO.sub.2" and "Na.sub.2O") and ("5972460", "6440531", "6063470", "5997977", "6399527").pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/04 21:09 |
| S68 | 0 | ("SiO.sub.2" and "Al.sub.2O.sub.3" and CaO and BaO and "K.sub.2O" and MgO and "ZrO.sub.2" and "Na.sub.2O") and ("5972460", "6440531", "6063470", "5997977", "6399527").pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/04 21:09 |
| S69 | 0 | ("SiO.sub.2" and "Al.sub.2O.sub.3" and CaO and BaO and "K.sub.2O" and "ZrO.sub.2" and "Na.sub.2O") and ("5972460", "6440531", "6063470", "5997977", "6399527").pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/04 21:09 |
| S70 | 6 | "SiO.sub.2" and "Al.sub.2O.sub.3" and CaO and BaO and "K.sub.2O" and MgO and SrO and "TiO.sub.2" and "ZrO.sub.2" and "Li.sub.2O" and "Na.sub.2O" and ZnO and ("5733370" "5830584" "5866227" "5879783" "6139981" "4259433" "4331966" "4774140" "4831608" "5534321" "5561089" "5582897" "5591502" "5626935" "5632942" "5635974" "5662979" "5691256" "5726108" "5835316" "5866489" "5868953" "5872069" "5972816" "5985777" "6030681" "6120922" "6120890" "6191058" "6221508" "6221508" "6245411" "4296309" "4373004" "4412264" "4482418" "4493779" "4543198" "4545881" "4596740" "4786559" "4788611" "4816128" "4816840" "4837097" "4837130" "4870429" "4897749" "4919988" "4925776") | US-PGPUB; USPAT | OR | OFF | 2007/12/04 21:11 |
| S71 | 0 | "627566".pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/04 21:12 |
| S72 | 1 | "6627566".pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/04 21:15 |

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|-----|------|--|--------------------|----|-----|------------------|
| S73 | 1 | "20020022564".pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/04 21:16 |
| S74 | 96 | ("5733370" "5830584" "5866227" "5879783" "6139981" "4259433" "4331966" "4774140" "4831608" "5534321" "5561089" "5582897" "5591502" "5626935" "5632942" "5635974" "5662979" "5691256" "5726108" "5835316" "5866489" "5868953" "5872069" "5972816" "5985777" "6030681" "6120922" "6120890" "6191058" "6221508" "6221508" "6245411" "4296309" "4373004" "4412264" "4482418" "4493779" "4543198" "4545881" "4596740" "4786559" "4788611" "4816128" "4816840" "4837097" "4837130" "4870429" "4897749" "4919988" "4925776") and ("SiO. sub.2" same ("70" or "80" or "90")) | US-PGPUB; USPAT | OR | OFF | 2007/12/04 21:18 |
| S75 | 0 | "5391622" and ("SiO.sub.2" same ("70" or "80" or "90")) | US-PGPUB; USPAT | OR | OFF | 2007/12/05 12:51 |
| S76 | 1 | "5391622".pn. | US-PGPUB; USPAT | OR | OFF | 2007/12/05 12:51 |
| S77 | 6138 | "428"/\$.ccls. and lens | US-PGPUB; USPAT | OR | OFF | 2007/12/07 11:44 |
| S78 | 1068 | S77 and lens.clm. | US-PGPUB; USPAT | OR | OFF | 2007/12/07 14:11 |